

Applicant: Boekelman, W.
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Please amend the Abstract, as follows:

A gas sensor includes comprising at least two light source, projection optics and a light-reflecting chamber provided with at least one light entry opening. The gas sensor further includes comprises a detector that cooperates with the ~~light~~-reflecting chamber, by means of which detector light from the light source can be detected. The at least two light sources, ~~which~~ can each be projected on a light entry opening of the chamber by means of the said projection optics.